



RTANA

ROOM TEMPERATURE THERMOSTAT

Analog control for heating systems,
wired transmission



Overview

Main features

- Room temperature control
- Wired transmission of heating orders

Application

- Boiler
- Underfloor heating

Product + points

- **Sober design, suitable for traditional or contemporary interiors**
- **Practical:** the product has a small footprint
- Excellent ergonomics when carrying out settings using the rotary knob

Functional specifications

Use

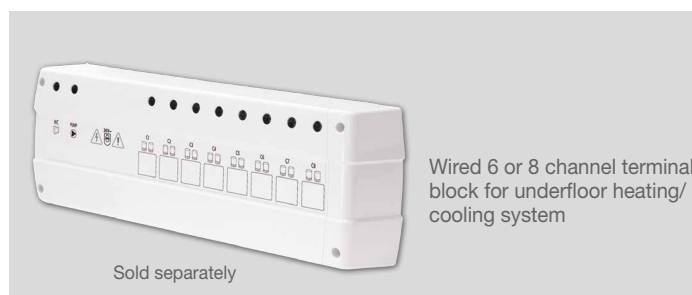


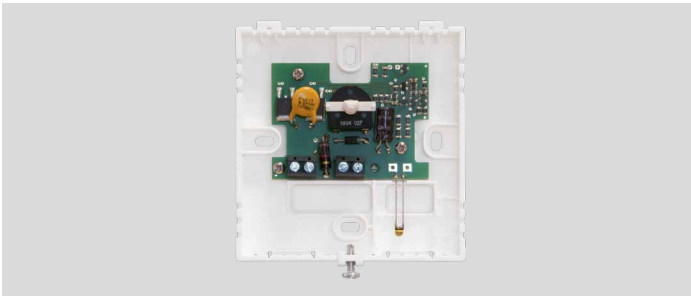
Desired temperature	Adjustable from +7°C to 30°C
Frost protection	Frost protection feature protects a home against freezing, by maintaining a temperature of about 8°C
Child safety	Rotary knob locking restricts changes of temperature settings, in respect of a minimum temperature, a maximum temperature or of a temperature range

Installation

2 fitting options: on a junction box or salient

Connection to thermoelectric actuators or wiring box dedicated to underfloor heating/cooling system





Technical specifications

Dimensional and finish specifications

Height	91 mm
Width	84 mm
Depth	28,5 mm
Color	White RAL 9016
Net weight	0,066 Kg

Power supply

Operating voltage	230VAC +/-10%, 50Hz
Typical power consumption	4.6mA (typical)
Output	230VAC +/- 10%, 50Hz or 24VAC +/- 10%, 50Hz according to power supply For ambient temperature : 22°C - Permanent current level : 1A max (typical) Start up current level during 200ms : 2A Max (typical)
Connection	By means of clamp terminals for cables with 0.5 square mm to 1.5 square mm cross-sections

Control

Control type	On/off
--------------	--------

Environment

Protection rating	IP20
Class	Class II
Operating temperature	0°C to +40°C
Temperature setting range	+7°C to +30°C environ
Storage temperature	-10°C to +50°C
Max. humidity level	80 % at +25°C (without condensation)

Applicable directives

EMC	2014/30/EU
LVD	2014/35/EU
RoHS	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU
DEEE	2012/19/EC

Applicable standards

EMC	EN60730-1 ; EN60730-2-9
LVD	EN60730-1 ; EN60730-2-9 ; EN62311
Safety	EN60730-1 ; EN60730-2-9 ; EN62311
RoHS	EN IEC 63000
Manufacturing	On certified site ISO 9001 V2015

Product codes

Codes	References
RTANA	Wired analogue 230V thermostat, white, (230V)

Product customization (design features) possible. Please contact us.